Zeineb Ghrab

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👤 PROFILE

Second-year Data Engineering and Decision Systems student at ENET'Com, passionate about emerging technologies and data-driven innovation. Curious, committed, and always ready to tackle new challenges with creativity and determination.

🎓 EDUCATION

Engineering Degree in Data Engineering and Decisional Systems 09/2024 – Present
National School of Electronics and Telecommunications of Sfax 🔗 Sfax, Tunisia

Bachelor's in Computer Science, Big Data and Data Analysis 09/2021 – 06/2024
Higher Institute of Computer Science and Multimedia of Sfax 🔗 Sfax, Tunisia

💼 PROFESSIONAL EXPERIENCE

AI Engineer Intern 07/2025 – 08/2025
KPIT Engineering 🔗 Sfax, Tunisia

Designed and developed an AI-driven system to automate test case generation for DTCs, building an end-to-end pipeline for DTC data parsing.
- Fine-tuned T5 Transformer for trigger prediction.
- Generated .robot test scripts using Jinja2.
- Collaborated via Git/GitHub in an Agile workflow.
Tech: GenAI, LLM, NLP,,T5-small, Hugging Face, PyQt5, Python, Robot Framework.

Web Developer Intern 02/2024 – 05/2024
Piximind 🔗 Sfax, Tunisia

Developed a full-stack web and desktop solution to automate e-commerce receipt printing, streamlining operations.
- Built responsive React.js frontend and NestJS backend.
- Created cross-platform Electron.js app.
- Implemented CI/CD with GitLab and managed MongoDB.
Tech: React.js, NestJS, Electron.js, Bootstrap, Handlebars.js, MongoDB, Git, GitLab CI/CD, Scrum

Web Developer Intern 06/2023 – 08/2023
ZetaBox 🔗 Sfax, Tunisia

Developed a web platform for streamlined invoice creation and management, enhancing user experience and automating PDF generation.
- Built responsive UI with React.js and Tailwind CSS.
- Developed CMS using Strapi.js and designed PostgreSQL database schema.
- Collaborated via Git and GitHub.
Tech: React.js, Tailwind CSS, PostgreSQL, Strapi.js, Handlebars.js, Git, GitHub

📂 PROJECTS

IDSD Program Showcase Website 🔗 03/2025 – 05/2025
Developed an interactive website to showcase the Data Engineering and Decision Systems program at ENET'Com, featuring student profiles, program details, and career opportunities.
Tech: HTML, CSS, XML, XSLT, XPath, XQuery

Stroke Clinical Data Statistical Analysis 🔗 05/2025 – 05/2025
Performed statistical analysis on stroke-related clinical data to identify associations between NIHSS scores, age, lifestyle factors, and stroke occurrence. Created visualizations and conducted hypothesis testing to extract actionable medical insights.
Tech: Python, Pandas, SciPy, Seaborn, Matplotlib

AI-Powered Book Recommendation System 🔗 03/2025 – 03/2025
Developed an intelligent book recommendation platform leveraging AI to provide personalized suggestions based on user preferences and reading history.
Tech: Flask, React.js, TypeScript, Bootstrap, Python, CSV, AI

🧠 SKILLS

Web Development
HTML, CSS, JavaScript, TypeScript, React.js, NestJS, PHP

Programming Languages
C, Python, Java

Data Management & Analysis
Talend, Excel, Power BI

🌐 LANGUAGES

- Arabic
- French
- English

🗝 CERTIFICATES

- OCI Generative AI Professional 🔗
- Getting Started with Deep Learning 🔗
- AI-900: Microsoft Azure AI Fundamentals 🔗

🏠 ORGANISATIONS

IEEE ENET'Com Student Branch
Member

09/2024 – Present
Sfax, Tunisia

Microsoft Tech Club ISIMS
Member

09/2021 – 05/2022
Sfax, Tunisia

🎸 INTERESTS

- AI & Machine Learning
- Problem-Solving
- Web Development